

## **Department of Energy**

Washington, DC 20585

OCT 24 2002

QA: QA

R. W. Andrews Bechtel SAIC Company, LLC 1180 Town Center Drive, M/S 423 Las Vegas, NV 89144

ISSUANCE OF DEFICIENCY REPORT (DR) BSC(O)-03-D-014 RESULTING FROM AN OBSERVATION BY FLOYD H. DOVE

Enclosed is DR BSC(O)-03-D-014 generated as a result of an observation.

Please provide a response to this deficiency that meets the applicable requirements of Administrative Procedure (AP) 16.1Q, Management of Conditions Adverse to Quality. Send the original of your responses to Deborah G. Opielowski, Navarro Quality Services, P.O. Box 364629, Mail Stop 455, North Las Vegas, Nevada 89036-8629. Initial response to the DR is due ten working days from the date of this letter. Any extensions to this due date must be requested in accordance with AP-16.1Q.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or Floyd H. Dove at (702) 794-5025.

R. Dennis Brown Director
Office of Quality Assurance

OQA:JB-0167

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Enclosure: DR BSC(O)-03-D-014

cc w/encl:

N. K. Stablein, NRC, Rockville, MD

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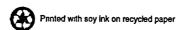
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## OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT U.S. DEPARTMENT OF ENERGY WASHINGTON, D.C PRIGINAL THIS IS A RED STAMP

8.	X Deficiency Report Corrective Action Report
	No.BSC(O)-03-D-014
	Page 1 of

			QA: QA
DEFICIENCY REPORT	CORRECTIVE AC	CTION REPORT	•
1. Controlling Document: (Document ID and Revision or Date) (1) AP-3.10Q, Revision 2, ICN 5; and (2) AP-3.15Q, Revision	ion 3, ICN 0.	2. Related Repo	ort No :
3. Responsible Organization: BSC Science and Analysis Project	4. Discussed With: Darren Jolley, Terry Steinborn, and Steven Swenning		
<ul> <li>5. Requirement:</li> <li>(1) Section 3.2, Definition of Assumption: "A statement or data or evidence."</li> <li>(2) Attachment 4, Input Status Decision Checklist: Data th</li> </ul>	• •		J
6. Description of Condition:  (1) Contrary to the definition of assumption (made in the absorbed models (and potentially other analyses) documented in a examples are:  A. ANL-EBS-MD-000045, Revision 00, ICN 03, values are approximated from additional data to like the major ions, are assumed to approximate B. ANL-EBS-MD-000038, Revision 00, ICN 01, assumption is that the values similar to this are CRWMS M&O 1997b). CRWMS M&O (1999) where the mean and distribution of DOC in J-1 region and other locations within the United St (2) Contrary to the guidance for selection criteria presented designation), the DIRS Input Status (Column 4) for the status of the cited text in the examples of Item 1 (above) indicated Has work been stopped? ☐ Yes X No	Analysis and Model Repartment of the Precipitates Sal abulated in Harrar et al. (e representative J-13 san In-Drift Microbial Community present in the groundwa 7b, page 10) presents a d 3 compares to the mean ates."  in the "Input Status Decisubject AMRs were incood that the data were direct	orts (AMR) by calling ts Analysis, page 26: (1990). These values uple concentrations (Anunities, page 31: "There at Yucca Mountaines and distribution in we distributed as "Notetly used as model inputs."	"For FE and AL, the input are based on few data and, Assumption 5.2.5)." he rationale for this in (Harrar et al. 1990 and indwater content of DOC ells in the Death Valley  Ch should result in a "TBV"  A-Reference Only" when
7. Initiator: Floyd H. Dove f. Harney Inc. 10,	9 Does a stop wor		
Printed Name Signature Dat 10 Recommended Actions:	e / If Yes, Check One	: <u> </u>	]B □C □D
11. QAR Review Floyd H. Dove  7. January Drue 10/1 Printed Name Signature Date 13. QAM Issuance Approval. R. Dennis Brown Jama Printed Name 14. Corrective Actions Verified/Closure:		king days after issuance	10/24/62 Date
QAR Printed Name Signature Date	Printed Name	Signatu	re Date Rev 3/25/02